

**ABSTRACT**

A vascular prosthesis configured for direct connection to an artery. The vascular prosthesis may include a tube of material other than autologous vascular tissue, having an end formation, which is configured for surgical connection to an opening formed in the artery, and a narrower portion prior to commencement of the end formation. The end formation may have an enlarged chamber adapted to induce a concave section in the blood vessel upon attachment thereto.